

Notice of Allowability

Application No.

09/749,159

Examiner

Thomas M. Ho

Applicant(s)

EGGEBRAATEN ET AL.

Art Unit

2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/22/06.
2. ☒ The allowed claim(s) is/are 1-3.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None. of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Jacques H. Louis-Jacques
JACQUES H. LOUIS-JACQUES
PRIMARY EXAMINER

DETAILED ACTION

1. **Claims 1-3 are pending.**
2. **The after final amendment of 6/22/06 has been received and entered. Claims 4-12 have been canceled.**

Reasons For Allowance

In reference to claim 1:

“Understanding LDAP” by the International Technical Support Organization discloses an apparatus comprising:

- At least one processor
- A memory coupled to the at least one processor (Page 5, paragraph 2) Where a processor and memory coupled to at least one processor is understood to be a part of the computer system in both the client and server. (Page 5, Figure 1)
- A directory service server that accesses a directory that has a plurality of entries (understood to be a part of LDAP), the plurality of entries including at least one proxy entry that contains security information for a corresponding protected resource, the directory service server including authentication and authorization functions that determine whether a selected one of the plurality of entries may be accessed, where the object has an access control list, and access is determined through this access control list. (Page 7, Section 1.1.4, Directory Security) & (Page 8, paragraph 1)

- A plurality of protected resources that are not stored within the directory, where the resources may not be stored within the directory because the directory itself can be decentralized or distributed. (Page 6, paragraphs 5-6)

Understanding LDAP” by the International Technical Support Organization fails to disclose:

- An application residing in the memory and executed by the at least one processor, the application including a logical mapping that correlates each protected resource with a corresponding proxy entry, the application determining whether the application is authorized to access a selected protected resource by invoking the authentication and authorization functions in the directory service server to determine whether the proxy entry corresponding to the selected resource may be accessed, and if so, the application accesses the selected protected resource, where the logical mappings that correlates with the protected resources are LDAP entries, the application determining whether the application is authorized to access the resource is the software necessary in an LDAP server, and where the information is determined through an ACL.

Previously, the Examiner argued with respect to (Page 8, paragraph 1) that in any directory, such as a folder, there are entries that may be interpreted as proxy entries, in that these entries refer to a particular resource or file. It is understood by those of ordinary skill in the art that technically,

a directory is merely a logical association, and that it is incapable of physical storage. For this reason, the Examiner has argued that any directory with items or files within it necessarily contains “proxy” entries---entries that refer to a particular file by means of logical association as understood by the operating system or the file service.

However during the interview of 10/13/05, Applicant’s representative clarified the distinction in claim 1 in which it is not the operating system or file system, but the application itself which “includes the logical mapping correlating each protected resource” with a corresponding proxy entry.

While it is commonplace for an operating system to maintain a logical resource mapping and correlation, and while it may said to be obvious that such logical mappings may be utilized with the LDAP entries for the protected resources in an operating system setting, no application has been found which includes the logical mapping of proxy entries, the application determining whether the application is authorized to access software necessary in an LDAP server determined through an ACL.

The Examiner has found the Applicant’s arguments to be persuasive. Accordingly, claim 1 is allowable. Claims 2 and 3 are allowable because claim 1 is allowable.

Conclusion

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3. Any inquiry concerning this communication from the examiner should be directed to Thomas M Ho whose telephone number is (571)272-3835. The examiner can normally be reached on M-F from 9:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory A. Morse can be reached on (571)272-3838.

The Examiner may also be reached through email through Thomas.Ho6@uspto.gov

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571)272-2100.

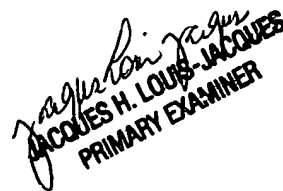
General Information/Receptionist Telephone: 571-272-2100 Fax: 571-273-8300

Customer Service Representative Telephone: 571-272-2100 Fax: 571-273-8300

TMH



June 25th, 2006



JACQUES H. LOUIS-JACQUES
PRIMARY EXAMINER